



Signatory Name: Monsanto Australia Limited

The question numbers in this report refer to the numbers in the report template. Not all questions are displayed in this report.

Status: Complete

The content in this APC Annual Report is hereby endorsed by the Chief Executive Officer, or equivalent officer of the organisation.

Yes

5. Industry sector (please select 1 only):

- Brand Owner / Wholesaler / Retailer
- Packaging Manufacturer
- Waste Management
- Other - Commercial Organisation
- Community Group
- Industry Association
- Government
- Raw Material Supplier
- Other:

6. Industry type (please select 1 only):

- Food & Beverage
- Pharmaceutical / Personal Care / Medical
- Hardware
- Homewares
- Communications / Electronics
- Clothing / Footwear / Fashion
- Chemicals / Agriculture
- Fuel
- Large Retailer
- Tobacco
- Shipping Company
- Airline
- Other:

7. Please indicate your organisation's reporting period:

- Financial Year: 1 July 2013 – 30 June 2014
- Calendar Year: 1 January 2014 – 31 December 2014

8. Please indicate the entire period your accepted APC Action Plan covers (e.g. 2011-2014)

Start Date:

End Date:

Goal 1: Design

KPI 1: % of signatories with documented policies and procedures for evaluating and procuring packaging using the SPGs or equivalent.

9. Does your company have documented policies and procedures for evaluating and procuring packaging using the SPGs or equivalent?

Yes No

Provide details of policies and procedures

All our packaging is European designed. Packaging has been assessed according to the EU guidelines, but are considering this in the context of the SPG guidelines.

We have a Packaging Guidelines and Packaging Checklist that incorporates the APC as a requirement.

10. Of the types of packaging **existing at the beginning of the reporting period**, what percentage had been reviewed using the Sustainable Packaging Guidelines (SPG) by the end of the reporting period?

%

11. Have any new types of packaging been introduced during the reporting period?

Yes No

12. If yes, of the **new types of packaging introduced during the reporting period**, what percentage have been reviewed using the Sustainable Packaging Guidelines (SPG) by the end of the reporting

%

13. Please indicate your progress this year towards achieving your annual targets and milestones for KPI 1

	Target: According to your Action Plan, what did you set out to do?	Actual: What did you achieve?
1.	Establish documented policy and procedure for evaluating and procuring packaging using the SPG	Responsibility for specifying and purchasing consumer packaging used by Monsanto Australia now resides with Monsanto's European Office. Although Monsanto's Singapore office continues to engage with its European counterpart in informing it of APC and SPG requirements. This includes informing the European Office of the guideline that the Singapore office has developed to incorporate SPG requirements and assessment report templates when specifying packaging for Australia L&G (Lawn and Garden) products.
2.	Review all new products using the SPG	There were no new products introduced in 2014.
3.	Review all existing products using the SPG	Four SPGs have been conducted to date and the fifth (and final) will be conducted in 2015, which means we will have met the timetable of SPG reviews contained in our Action Plan.
4.	Communication between Monsanto Lawn & Garden Business Support Manager and various third parties to ensure Monsanto Australia is meeting its APC and SPG requirements.	Two formal meetings have been held between Monsanto's Singapore based Lawn & Garden Business Support Manager and our Australian based consultants, although there is regular email contact. As well, the Business Support Manager has had two meetings with our Australian based third party toll converter, which includes reviewing packaging matters. Our Australian based advisors have also visited our toll converter to discuss onsite management of packaging waste.

5.	Maintain a centralised data base to record APC and SPG related activities and documentation.	<p>An internal information platform containing existing Asian and Australian packaging specifications is used in conjunction with an Australian specific system on which Monsanto Australia is recording all SPG audits to date. This secure, cloud based, tool is accessible to approved staff in Singapore and Europe, involved in Monsanto Australia's APC commitments, allowing ongoing review and updating of information for each SPG.</p> <p>It is the intention of the Singapore based Business Support Manager to specifically engage her European counterparts in using the cloud based system to progress the next SPG.</p>
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14. Describe any constraints or opportunities that affected performance under this KPI

Within Monsanto's operations, the European Office has now taken on the complete responsibility for specifying and purchasing all levels of packaging used by Monsanto Australia to deliver the Lawn and Garden products to the customer. The Singapore Business Support Manager will continue to engage with the office over Monsanto Australia's obligations as a signatory to the APC and the SPG requirements in particular through modifying the Corporate Essential Requirements documentation, related to EU requirements, to include the SPG requirements.

The Singapore Business Support Manager also engages with our third party toll converter which fills the product into the primary packaging and discusses the practical application of all levels of packaging used to contain and transport the product.

Goal 2: Recycling

KPI 3: % signatories applying on-site recovery systems for used packaging.

15. Do you have on-site recovery systems for recycling used packaging?

- Yes at all facilities/ sites
- Yes at some, but not all facilities/ sites
- No

16. Please indicate your progress this year towards achieving your annual targets and milestones for KPI 3

	Target: According to your Action Plan, what did you set out to do?	Actual: What did you achieve?
1.	Review and recommend improved on-site waste and recycling practices and procedures.	<p>The following information relates specifically to the site practices and procedures of the third party toll converter with which Monsanto engages to produce the RoundUp range of products:</p> <ul style="list-style-type: none"> • There are specific policies in place in regard to onsite washing and re-use of drums. • It conducts a comprehensive waste and recycling program in line with the type of chemical products and residues that it deals with. • There are three main registered waste and recycling contractors, one of which is an APC member and is also an approved processor for drumMUSTER. This contractor takes all metal and plastic drums for recycling, as well as general clean plastic waste for recycling. • The other two contractors have stated environment or sustainability policies. One contractor takes contaminated waste and general waste to landfill, as well as cardboard for recycling. The other takes the contaminated bulk produce bags to landfill. • With regard to clean, plain cardboard cartons arising onsite, these are given to a charity organisation called "Stitches" which sells them to small shops and businesses for re-use to raise funds for their charity operation. • It is estimated that 10% of all waste (by volume) arising on site is disposed of in landfill, while 90% is sent for recycling. <p>In regard to the Monsanto Australia office, it occupies a lease on a single floor in an office building. Therefore, on site recovery systems are operated by the building manager rather than individual tenants.</p>
2.	Document baseline recycling information for on-site packaging waste.	In line with the third party toll converter's Group requirements, a baseline of onsite waste and recycling data will be developed by the end of FY14-15.
3.	Report annually on recycling of on-site packaging waste and recycling.	In line with the third party toll converter's Group requirements, it is anticipated that regular reporting will be put in place following the development of a baseline of onsite waste and recycling data by the end of FY14-15.

4.	Establish formalised employee education programs about recycling and waste reduction.	Where an employee's job description specifically states that the role will include waste management and recycling tasks, then appropriate training is given to ensure the maximum amount of waste arising on site can be recycled, following proper procedures where prescribed wastes are involved.
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17. Describe any constraints or opportunities that affected performance under this KPI

Our third party toll converter has a comprehensive waste management and recycling program in place, with approximately 90% of waste arising on site being taken away for recycling.

It is anticipated that more robust waste and recycling data will be available next reporting period as it is understood that this particular manufacturing plant is to be brought into the group sustainability report in 2015.

Monsanto Australia itself has a small office from which it operates. Therefore, on site recovery systems are operated by the building manager rather than the individual tenants.

KPI 4: Signatories implement formal policy of buying products made from recycled packaging.

18. Does your company have a formal policy of buying products made from recycled packaging?

- Yes No

Provide details of policies and procedures (including names of policies/ procedures)

A Buy Recycled Policy has been incorporated into the Monsanto Australia L&G Packaging Guidelines which states:

- a. Purchase products and materials with recycled content wherever deemed practicable and environmentally beneficial.
- b. Substitute existing products and materials with recycled content wherever deemed practicable and environmentally beneficial.
- c. Require contractors and suppliers, where practicable and environmentally beneficial, to specify the quantity of recycled materials within the products and/or materials to be supplied.

As an example of this policy in action, Monsanto Australia source the majority of our secondary packaging from a current APC signatory and this packaging contains a high level of recycled content, including a high % of post-consumer material.

19. Is this policy actively used?

- Yes No

20. Please indicate your progress this year towards achieving your annual targets and milestones for KPI 4

	Target: According to your Action Plan, what did you set out to do?	Actual: What did you achieve?
1.	Implement a formal policy of buying packaging made from recycled products.	<p>A Buy Recycled Policy has been incorporated into the Monsanto Australia L&G Packaging Guidelines.</p> <p>However, there is a need for further research into the suitability of including recycled content in the primary packaging and how it might react with the chemicals content in the liquid, especially as the product itself has a shelf life of 2 to 5 years.</p> <p>A watching brief is being kept on actions and opportunities in regard to primary packaging that has recycled content not currently available in Australia.</p> <p>We do purchase cardboard shippers that are manufactured by a signatory to the APC which contain 47% to 100% recycled content depending on the type of carton used. This recycled content comprises 98% post-consumer waste and 2% pre-consumer waste.</p> <p>The third party toll converter also uses intermediate bulk containers (IBC) that have recycled content.</p> <p>Monsanto's Singapore office purchases office paper with recycled content, as does the third party toll converter.</p>

21. Describe any constraints or opportunities that affected performance under this KPI

We are maintaining a watching brief on possible options available to us to have recycled content in our primary packaging, although we are constrained by APVMA guidelines for packaging.

The Business Manager needs to have further discussions with the European Packaging Office to determine the suitability of using recycled materials in the primary packaging for products such as this. We would need to rule out the risk of cross contamination from packaging that is not virgin plastic.

The secondary packaging we purchase has a recycled content, as does the intermediate bulk containers that our third party toll converter uses.

Goal 3: Product Stewardship

KPI 6: % signatories with formal processes to work collaboratively on packaging design and / or recycling.

22. Does your company have formal processes in place for collaborating with other companies or organisations on improved packaging designs and/or recycling which aims to reduce or eliminate waste?

- Yes No

Provide details of policies and procedures (including names of policies/ procedures)

Monsanto Australia collaborates with a number of parties to improve packaging designs and/or recycling.

In relation to packaging design, Monsanto Australia has a close relationship with our parent company that allows Australia to collaborate with our design team in Europe where all our packaging is designed. This ensures Monsanto is aware of our obligations under the Australian Packaging Covenant and our obligations to report on each packaging type under the Sustainable Packaging Guidelines. Our new online reporting system allows for greater communication and collaboration with our European counterparts.

Our Singapore based Business Support Manager formally meets twice a year, but continually corresponds with our third party toll converter which fills the product into the primary packaging and discusses the practical application of all levels of packaging used to contain and transport the product.

The Business support manager also visits the plastics packaging supplier every two years to conduct quality based audits of its operations and procedures.

In relation to recycling, Monsanto Australia supports our toll converter efforts to actively manage their onsite waste packaging to maximise the level of recycling achieved. Our APC contact officer and our third party advisers have both had meetings with our toll converter in this reporting period to ensure best practice with regard to recycling is in place.

23. Please indicate your progress this year towards achieving your annual targets and milestones for KPI 6

	Target: According to your Action Plan, what did you set out to do?	Actual: What did you achieve?
1.	Formulate a documented policy to review all packaging against the SPG and develop a supplier's questionnaire to assist in answering the questions raised in the SPG.	The SPG review process has been incorporated into the Monsanto Australia L&G Packaging Guidelines and has been included in the Essential Requirements documentation that is product specific. While these elements are now being run out of our European Office, the Singapore office will continue to engage with the European Office on these matters and their relevance to Monsanto Australia's APC signatory obligations.
2.	Investigate opportunities to negotiate supply contracts that require take back and recycling of packaging.	Our third party toll converter has in place with one of its waste contractors the facility to have the intermediate bulk containers (IBC) collected for cleaning and then delivered back to the toll converter for filling once again.
3.	Investigate opportunities to include supplier participation in reducing packaging through regular meetings or product reviews as part of Monsanto Australia's toll packaging relationship with third party toll converter.	The Monsanto Singapore Office meets with the third party toll converter twice a year at which packaging performance matters are discussed. This includes feedback on trials using different packaging options.

24. Describe any constraints or opportunities that affected performance under this KPI

There are biannual meetings held between Monsanto and the third party toll converter to discuss packaging performance and identify opportunities for improvements.

As well, the Business Support Manager also visits the plastics packaging supplier every two years to conduct quality based audits of its operations and procedures.

This allows Monsanto Australia to collaborate directly with our packaging suppliers around the use of recycled material content in our packaging. A good working example of this is our secondary packaging that is sourced from an APC signatory and includes a high % of recycled material in the packaging.

Further collaboration with these suppliers around the Sustainable Packaging Guidelines also allows Monsanto understand the constraints that may be placed on our suppliers with regard to material content of packaging.

Our third party toll converter has an arrangement in place for the collection, cleaning and return of IBCs for re-use.

[REDACTED]

KPI 6: % signatories with formal processes to work collaboratively on packaging design and / or recycling.

[REDACTED] [REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

KPI 7: % signatories showing other Product Stewardship outcomes.

25. Please indicate your progress this year towards achieving your annual targets and milestones for KPI 7

	Target: According to your Action Plan, what did you set out to do?	Actual: What did you achieve?
1.	Investigate other product stewardship opportunities.	<p>The third party toll converter ensures that the rinse water that it uses to rinse out product drums is re-used wherever possible to avoid it being sent to waste. This water can be re-used onsite or shipped to another facility for use there.</p> <p>The toll converter has regular Health, Safety and Environment audits which can identify production efficiency improvements in energy and water use where it meets Return on Investment criteria.</p> <p>With the production facility being upgraded next year, energy and water efficiency opportunities are being included in the design process.</p> <p>The toll converter has an arrangement with a Melbourne based charity that enables the charity to pick up clean, plain, cartons for the charity to sell to small businesses and shops for re-use as a fundraiser for the charity.</p> <p>Monsanto Australia itself is a very small, office based, operation and as we occupy leased office space we have no control over energy efficiency retrofitting opportunities.</p>

2.	Identify the environmental policies and procedures of our third party distributor.	Both our contracted distributor (part of a global contract with Monsanto) and the local logistics company that our contracted distributor uses to transport our products in Australia, have stated environment policies in place in regard to their respective operations.
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26. Since the beginning of the reporting period, has your company had any other outcomes related to product stewardship?

Yes No

If yes, please give examples of other product stewardship outcomes

Our third party toll converter ensures that rinse water is re-used either onsite, or it is shipped to another facility close by for re-use there.

With a stated Group quality management system, together with an endorsed site Occupational Health, Safety and Environment policy in place, it is important for the third party toll converter to ensure that any resource efficiency opportunities which are identified has a business case presented to management for funding approval to implement the project.

27. Describe any constraints or opportunities that affected performance under this KPI

The third party toll converter has now been bought out by a new, Australian based, owner, but has facilities worldwide. The new owner has a strong focus on sustainability and this has resulted in the need for the site to now start to compile data around its use of water and energy, together with the waste arising onsite. This data will be included in the Group sustainability report and is anticipated to result in the identification of opportunities for resource efficiency improvements as trends emerge.

With a major site upgrade due to commence next year, improvements to water and energy efficiencies and waste arising onsite, will be included in this upgrade where cost effective to do so.

KPI 8: Reductions in packaging items in the litter stream.

28. Please indicate your progress this year towards achieving your annual targets and milestones for KPI 8

	Target: According to your Action Plan, what did you set out to do?	Actual: What did you achieve?
1.	Provision of litter free sites in Australian operations.	<p>Different third parties both manufacture and distribute product under licence, so we have no direct influence over the management of litter onsite. However, as part of our Quality Control audits, we would record any issues with site housekeeping, including any litter problems.</p> <p>Specifically, we have received information from our third party toll converter that it has a litter management program in place that is managed by one of the site supervisors.</p> <p>As well, the toll converter has not received any complaints from the local council or neighbours about litter originating from the site.</p>
2.	Proper disposal of packaging once product is removed.	<p>The disposal of RoundUp packaging must conform to the requirements of the Australian Pesticides and Veterinary Medicines Authority (www.apvma.gov.au) and the labels have the following message: "Dispose of empty container by wrapping in paper, placing in a plastic bag and putting in the garbage".</p>

29. Describe any constraints or opportunities that affected performance under this KPI

Monsanto Australia has used our Quality Control audits to inform our conversations with our third party toll converters to ensure they are aware of the importance of every member of our supply chain making the effort to reduce the possible occurrence of our onsite packaging waste in the litter stream. This requires our contractor to record any issues with site housekeeping, including general cleanliness and litter issues at the sites where our products are packaged.

Specifically, the converter has a litter management program in place managed by one of the site supervisors.

Due to the nature of our products, we have labels on the packaging with the following message: "Dispose of empty container by wrapping in paper, placing in a plastic bag and putting in the garbage". Although non-recyclable, we do aim to ensure the general public dispose of our products in a manner so they are very unlikely to become litter.

Your Experiences

This section lets you share with us any achievements, good news stories and areas of difficulties in making progress against your plan and the Covenant goals and KPIs.

30. Key achievements or good news stories

We are on track to complete the SPGs that were scheduled in our Action Plan by June 2015.

While the European office now has more direct control over the specification and procurement of packaging for the Lawn and garden products sold into Australia, the Lawn & Garden Business Support Manager is responsible for the ongoing management of Monsanto Australia's packaging related issues, including meeting its APC obligations within the production and distribution model used. This includes regular scheduled communication with our third party toll converter about packaging improvements.

As well, as part of our Quality Control audits, the Lawn & Garden Business Support Manager would record any issues with site housekeeping, including general cleanliness and litter issues at the sites for the third party toll converter and distributor.

With the recent takeover of the third party toll converter by an Australian company with a global presence, it is anticipated that, with the requirement to report site energy, water and waste data, and analysis of subsequent trends, resource efficiency opportunities may be identified at the site.

31. Areas of difficulties in making progress against your plan, Covenant goals or KPIs